Landscape Architecture—LA

390 Landscape Architecture Field Studies  
Fall, Spring. 2 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to juniors or seniors in Landscape Architecture. Approval of department. Field observation and analysis of selected professional offices, design and planning projects, natural areas, or places of historic interest. Background familiarization of selected study sites. Evaluation and synthesis of study experiences.

420 Advanced Graphic Communication  
Spring. 4(1-3) R: Open only to majors in Landscape Architecture. Methods of 3-D visualization in the design process.

437 Design Implementation  
Fall. 3(0-6) RB: (LA 331) R: Open only to seniors in the Landscape Architecture or Horticulture major. C: LA 443 concurrently and LA 480 concurrently. Development of a complete package of contract documents for a representative site development project, including construction plans, bid documents, and specifications.

439 Golf Course Planning and Design  
Fall of even years. 3(3-0) R: Open only to seniors or graduate students in Urban and Regional Planning or Urban Planning-Urban Studies or Landscape Architecture. History, planning, and design of the golf course as a component of the community, Environmental, regulatory, technical, and financing issues.

443 Community Project Design I  
Fall. 5(2-6) RB: (LA 342) R: Open only to seniors in Landscape Architecture or Urban and Regional Planning. Approval of department. C: LA 437 concurrently and LA 480 concurrently. Development of design solutions for medium scale site development projects focusing on moderately complex design programs and problems.

444 Community Project Design II  
Spring. 5(2-6) RB: (LA 443) R: Open only to majors in Landscape Architecture. The community systems planning process. Application of multiple use theory and techniques. Integration of project demands and community infrastructure.

445 Advanced Project Design  
Spring. 4(0-8) RB: (LA 444 and LA 480) R: Open only to seniors in Landscape Architecture. Application of design theory to complex site development projects in community settings. Interaction of human activities, sites, and end uses. Use of community feedback.

446 Regional Environmental Design  
Fall. 3(0-6) RB: (LA 444) R: Open only to seniors in Landscape Architecture or approval of department. Theory and tools in regional environmental design and their application to site facilities, assignment of land use, and management of landscape structure with special emphasis on spatial identity, visual quality, and environmental modeling. Human dimensions to landscape change.

480 Professional Practice (W)  
Fall. 3(2-2) P:M: Completion of Tier I writing requirement. R: Open only to seniors or graduate students in Landscape Architecture. C: LA 437 concurrently and LA 443 concurrently. Principles and procedures of professional office practice. Organization and management of offices, personnel, and projects. Ethical and legal issues.

490 Independent Study  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 7 credits in all enrollments for this course. R: Open only to students in Landscape Architecture. Approval of department. Individual investigation of landscape architecture topics in the interest areas of the Landscape Architecture faculty.

492 Senior Research Seminar (W)  
Spring. 3(2-2) P:M: Completion of Tier I writing requirement. R: Open only to seniors or graduate students in Landscape Architecture. Contemporary issues of relevance to the profession.

493 Internship in Landscape Architecture  
Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to seniors in Landscape Architecture or approval of department. Supervised experience in approved public agencies and professional offices.

494 Special Topics in Landscape Architecture  
Fall, Spring. 3(3-0) R: Open only to seniors or graduate students in Landscape Architecture or approval of department. Selected subjects in landscape architecture derived from emerging issues and topics.

498 Internship in Zoo and Aquarium Science  
Fall, Spring, Summer. 3 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to seniors or graduate students in Landscape Architecture or approval of department. Application of zoological experience in a zoo or aquarium setting outside the university.

499 Pedagogical English Grammar for English Teachers  

461 Second Language Acquisition  
Fall. 3(3-0) P:M: Completion of Tier I writing requirement. R: Not open to freshmen or sophomores. Approval of department. SA: ENG 461 Factors in second language learning such as age, motivation, language input and interaction, social influences, the role of the native language, and language universals.

LATIN

College of Arts and Letters

201 Latin I  
Fall. 4(4-0) R: No previous experience in Latin or designated score on Latin placement test. Fundamentals of vocabulary, grammar, and syntax. Translation of elementary readings.

202 Latin II  
Spring. 4(4-0) P:M: (LTN 101) or designated score on Latin placement test. Continued study of the fundamentals of vocabulary, grammar, and syntax. Translation of elementary readings.

203 Latin Advanced  
Fall. 4(4-0) P:M: (LTN 102) or designated score on Latin placement test. Intermediate-level Latin prose based on readings of such authors as Sallust, Livy, and Cicero.

204 Latin Poetry  
Spring. 4(4-0) P:M: (LTN 201) Intermediate-level Latin poetry of the Republic and Augustan periods.

LARGE ANIMAL  

CLINICAL SCIENCES

College of Veterinary Medicine

412 Hazard Analysis and Critical Control Points in Production Medicine  
Spring. 2(2-0) R: Not open to freshmen. Not open to graduate-professional students in the College of Veterinary Medicine. Animal disease and health in relation to livestock production, food safety and public health. Production medicine and the ability to develop hazard analysis critical control points (HACCP) strategies for animal disease management.

LANGUAGE, LEARNING, AND TEACHING

Department of Linguistics and Germanic, Slavic, Asian and African Languages

College of Arts and Letters

307 Methods of Teaching English to Speakers of Other Languages  
Spring. 3(3-0) P:M: Completion of Tier I writing requirement. SA: ENG 307 National and international approaches, methods, materials, settings, and characteristics of TESOL. Survey, evaluation, and application of major effective methods and materials.
225 Women and Language
Fall. 3(3-0) Interdepartmental with Women's Studies.

Women and language in societies around the world. Issues such as status and verbal politeness, importance of names, gender differences in language use, women's multilingualism, sexist language, gendered language development in children.

291 Special Topics in Linguistics
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

Special topics supplementing regular course offerings proposed by faculty on a group study basis.

401 Introduction to Linguistics
Fall, Spring. 4(4-0) Not open to students with credit in LIN 200.

Basic goals, concepts, methods, and research results of modern theoretical and applied linguistics. Examples from a variety of languages.

411 History of Linguistics
Spring. 3(3-0) P.M. (LIN 200 or LIN 401)

Origin and development of linguistic studies from ancient Greece to the present. Foundation for the understanding of contemporary issues in linguistics and in society.

424 Introduction to Phonetics and Phonology
Fall, Spring. 3(3-0) P.M. (LIN 200 or LIN 401)

Phonetics, phonetics features and components, phonological phenomena, phonemic analysis, sound systems and data analysis.

428 Writing Systems
Fall of odd years. 3(3-0) P.M. (LIN 200 or LIN 401)

Writing systems of the world and their history and organization in the context of linguistic science. Special attention is given to the typology of these systems and the ways they relate to the structure of spoken language.

431 Introduction to Morphology
Spring. 3(3-0) RB: (LIN 401 or concurrently or LIN 200)

Word structure, word formation, morphological analysis, interface with phonology and syntax, and theoretical issues in morphology. Data from diverse languages of the world.

434 Introduction to Syntax
Fall, Spring. 3(3-0) P.M. (LIN 200 or LIN 401)

Structure of sentences and structural relations among phrases. Methods of syntactic analysis and argumentation.

437 Semantics and Pragmatics
Fall. 3(3-0) P.M. (LIN 200 or LIN 401)

Semiotic properties and relations. Entailment, ambiguity, theories of word and sentence meaning, and logical form. Topics in pragmatics, such as presupposition, conversational implicature, speech acts.

441 Historical Linguistics
Fall. 3(3-0)

Types of linguistic change and the methods used by linguists to study the historical development of languages and language families.

450 Child Language Acquisition
Spring. 3(3-0) P.M. (LIN 200 or LIN 401)


455 Neurolinguistics
Fall. 3(3-0) P.M. (LIN 200 or LIN 401)

Theoretical approaches to the study of language and the brain. Perspectives on normal and impaired linguistic functioning offered by lesion studies and brain-imaging techniques. The genetic basis of language as evidenced in family and twin studies.

463 Introduction to Cognitive Science
Spring. 3(3-0) Interdepartmental with Philosophy, Psychology. RB: (PHL 462 or LIN 401 or CSE 440 or PSY 200)

Cognitive processing of information by animals, humans, and computers. Relevant issues in philosophy, linguistics, psychology, neuropsychology, and artificial intelligence.

471 Sociolinguistics
Fall. 3(3-0) P.M. (LIN 200 or LIN 401)

Linguistic and social psychological bases for language choice. Accounts of language variation and related larger constructs such as speech community, communicative competence, dialect, and language change.

490 Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

491 Special Topics
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P.M.: Completion of Tier I writing requirement. R: Approval of department.

Special topics supplementing regular course offerings proposed by faculty on a group study basis.

499 Senior Thesis Research (W)
Fall, Spring. 2 credits. P.M.: Completion of Tier I writing requirement. R: Approval of department.

Individual research project supervised by a faculty member. Demonstration of student's ability to conduct independent research and prepare an undergraduate thesis.

LINGUISTICS AND LANGUAGES

Department of Linguistics and Germanic, Slavic, Asian and African Languages
College of Arts and Letters

151 Beginning Individualized Less Commonly Taught Languages
Fall. 4(4-1) A student may earn a maximum of 12 credits in all enrollments for this course. RB: No prior experience learning the language. Students' language ability will be assessed in the first few days of the course.

Individualized study of any of the less commonly taught languages at the elementary level. Speaking, reading, and writing. Development of oral proficiency skills.

152 Beginning Individualized Less Commonly Taught Languages II
Spring. 4(4-1) A student may earn a maximum of 12 credits in all enrollments for this course. R: Approval of department.

Further individualized work on speaking, reading and writing a less commonly taught language. Continued development of oral proficiency skills.